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Proposed Maximum Residue Limit

PMRL2010-23

Fenbuconazole

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) is proposing to establish maximum residue limits (MRLs) for fenbuconazole on citrus fruit (revised Crop Group 10-09), bushberries (Crop Subgroup 13-07B), almonds, apples, citrus oil, cranberries and peanuts to permit the import and sale of foods containing these residues. See Appendix I for a list of crop group/subgroup commodities.

Fenbuconazole is a fungicide currently registered in Canada for use on stone fruits.

The PMRA has determined the quantity of residues that are likely to remain in or on the imported food commodities when fenbuconazole is used according to label directions in the exporting country. The Agency has also determined that such residues will not be a concern to human health and is proposing to legally establish corresponding import MRLs. An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Details regarding the proposed MRLs can be found in the corresponding Evaluation Report that is available in the Pesticides and Pest Management section Health Canada's website, under Public Registry, Pesticide Product Information Database.¹

Consultation on the proposed import MRLs for fenbuconazole is being conducted via this document (see Next Steps, the last section of this document).

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

¹ The relevant report can be accessed by selecting the Applications/Amendment/Historical tab and opening the Evaluation Report found under Application Number 2007-2290.

The proposed MRLs for fenbuconazole in Canada in or on food, to be added to those MRLs already legally established, are as follows.

Table 1 Proposed Maximum Residue Limits for Fenbuconazole

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fenbuconazole	α -[2-(4-chlorophenyl)ethyl]- α -phenyl-1 <i>H</i> -1,2,4-triazole-1-propanenitrile, including the metabolites <i>cis</i> -5-(4-chlorophenyl)-dihydro-3-phenyl-3-(1 <i>H</i> -1,2,4-triazol-1-ylmethyl)-2-3 <i>H</i> -furanone and <i>trans</i> -5-(4-chlorophenyl)-dihydro-3-phenyl-3-(1 <i>H</i> -1,2,4-triazol-1-ylmethyl)-2-3 <i>H</i> -furanone	40	Citrus oil
		1.0	Citrus fruit (Crop Group 10-09 - Revised)
		0.5	Cranberries
		0.4	Apples
		0.3	Bushberry (Crop Subgroup 13-07B)
		0.1	Peanuts
		0.05	Almonds

MRLs are proposed for each commodity included in the listed crop groupings in accordance with Appendix I.

A complete list of all MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

International Situation and Trade Implications

The proposed MRLs for fenbuconazole in Canada are the same as corresponding tolerances established in the United States (tolerances listed in the Electronic Code of Federal Regulations by pesticide). Codex² MRLs have not been established for the commodities covered under this PMRL with the exception of apples, for which a distinct MRL has been established in accordance with Table 2. A listing of Codex MRLs is available on the Codex Alimentarius Pesticide Residues in Food website.

² Codex is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.

**Table 2 Comparison of Canadian MRLs, American Tolerances and Codex MRLs
(where different)**

Food Commodity	Canadian MRL (ppm)	American Tolerance (ppm)	Codex MRL (ppm)
Apples	0.4	0.4	0.1 (Pome fruits)

Next Steps

The PMRA invites the public to submit written comments on the proposed import MRLs for fenbuconazole up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed import MRLs for fenbuconazole and posting a corresponding Established Maximum Residue Limit in the Pesticides and Pest Management section of Health Canada's website.

Appendix I Crop Groups: Numbers and Definitions

Crop Group Number and Name		Crop Subgroup Number and Name		Food Commodities Included in the Crop Group or Subgroup
13-07	Berry and Small Fruit	13-07B	Bushberry	Aronia berries Buffalo currants Chilean guavas Currants Elderberries European barberries Gooseberries Highbush blueberries Highbush cranberries Honeysuckle Huckleberries Jostaberries Lingonberries Lowbush blueberries Native currants Salal berries Saskatoon berries (juneberries) Sea buckthorn
10-09	Citrus Fruit (Revised)			Australian desert limes Australian finger limes Australian round limes Brown River finger limes Calamondins Citrus citron Citrus hybrids Grapefruits Japanese summer grapefruits Kumquats Lemons Limes Mediterranean mandarins Mount White limes New Guinea wild limes Oranges Pummelos Russell River limes Satsuma mandarins

Crop Group Number and Name		Crop Subgroup Number and Name		Food Commodities Included in the Crop Group or Subgroup
				Sweet limes Tachibana oranges Tahiti limes Tangelos Tangerines Tangors Trifoliate oranges Uniq fruits